

ICSBEF FIVE-YEAR PLAN	
IDAHO NATIONAL ENGINEERING AND ENVIRONMENTAL LABORATORY	
<i>IDENTIFIER</i>	<i>DRAFT TITLE</i>
<i>FY-2004</i>	
HEU-SOL-THERM-049	Highly Enriched Uranyl Nitrate Solution Containing Soluble Cadmium
LEU-COMP-THERM-056	Critical Experiments with BORAX-V Boiling Fuel Assemblies
U233-COMP-THERM-002	LWBR ²³³ UO ₂ -ThO ₂ Detailed Cell Experiments -- Work For Others
MIX-SOL-THERM-007	U + Pu Nitrate Solution Containing Gadolinium
MIX-SOL-THERM-009	Nitrate Solutions of Depleted Uranium and Plutonium (6% ²⁴⁰ Pu) in a Water Reflected Cylindrical Tank Filled with Borated-Glass Raschig Rings
<i>FY-2005</i>	
HEU-COMP-THERM-019	Critical Experiments with BORAX-V Superheater Fuel Assemblies
HEU-MET-THERM-022	Advance Test Reactor – Water Moderated High Enriched Uranium Metal Serpentine Core of Plate-Type Fuel Assemblies Reflected by Beryllium
HEU-SOL-THERM-049	Highly Enriched Uranyl Nitrate Solution Containing Soluble Cadmium
HEU-SOL-THERM-050	Unreflected Aluminum Cylindrical Vessels Containing Concentrated UO ₂ F ₂ Solutions
IEU-COMP-THERM-006	Critical Experiments with BORAX-V Boiling and Superheater Fuel Assemblies
U233-COMP-THERM-003	LWBR ²³³ UO ₂ -ThO ₂ BMU Experiments -- Work For Others
<i>FY-2006</i>	
PU-MET-FAST-042	Plutonium Hemishells in Oil - Part II
PU-MET-FAST-043	Plutonium Hemishells in Oil - Part III
MIX-SOL-THERM-008	U + Pu Nitrate Solution in a Raschig-ring-filled Tank
MIX-MISC-THERM-005	UO ₂ + PuO ₂ Fuel Pins in U + Pu Nitrate Solution Containing Boron and Gadolinium
<i>FY-2007</i>	
HEU-SOL-THERM-026	Aqueous Solutions of ²³⁵ U Poisoned With Raschig Rings
IEU-COMP-THERM-007	Power Burst Facility – Water Moderated 18.5% Enriched Uranium Ternary Oxide Fuel Pin Lattice
	Others To Be Determined
<i>FY-2008</i>	
LEU-COMP-THERM-071	Loss of Fluid Test Reactor – Water Moderated Array of 4% Enriched Uranium PWR Fuel Assemblies
	Others To Be Determined